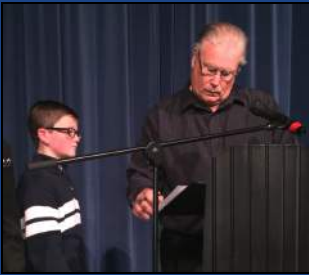


AMS STEM *February Parent Update*



Congratulations to Dylan on winning the Speech Competition on Feb. 10th. He will move onto Districts and has a chance at a \$1500 Scholarship.



Mon. Mar.16th students will be visiting the museum. Please pack a lunch or order one from the cafeteria that day.



Jr. STEM Committee Leader, Sidney Laughner gets the job done right!



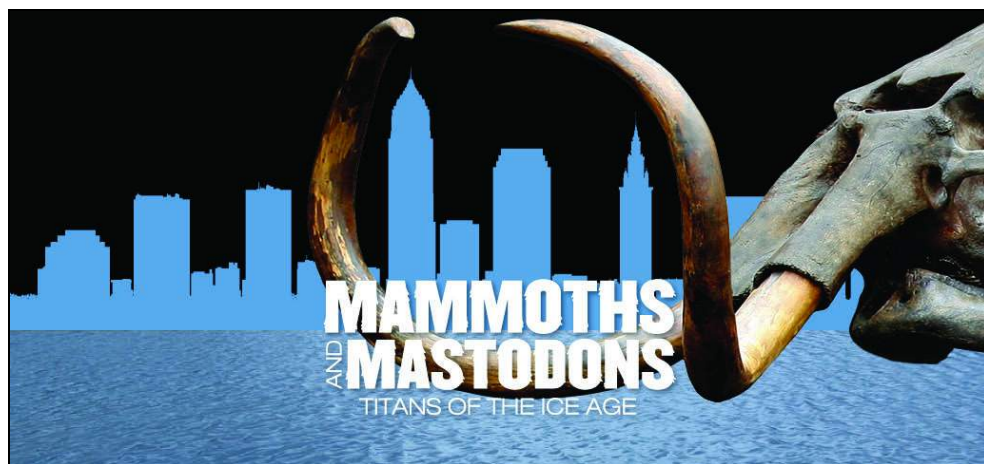
8th Grade Jr. STEM Committee members featured above organize the monthly meetings open to all 6th and 7th graders who want to learn about STEM.

Hi Everyone,

This is your STEM Parent Update for the month of February! PARCC testing has gone smoothly as planned. However, due to snow days and two-hour delays, testing dates have changed. The last session of Language Arts will be Tuesday, March 3rd and 8th graders will take the Science test on Thurs. March 5th. On March 9th and 11th students will take the two sessions of Math. You can access a detailed schedule on the AMS website.

Students rescheduled the fourth Jr. STEM meeting for Tuesday, March 3rd. The Jr. STEM Committee reports many 6th and 7th grade students in the building are interested to learn about many of the topics this month such as VEX Robotics and programming and how

for students to solve while at the museum. They will channel their inner-Indiana Jones in finding clues from ancient times.



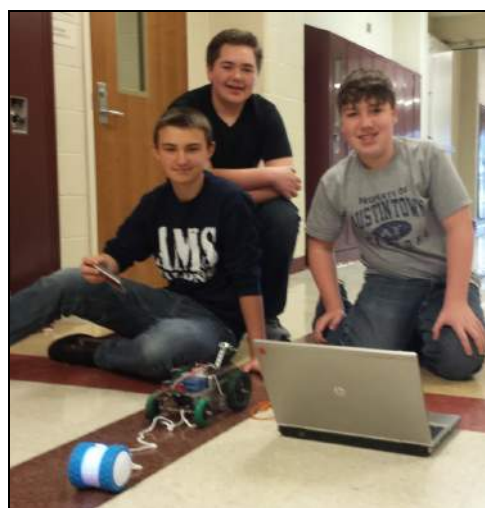
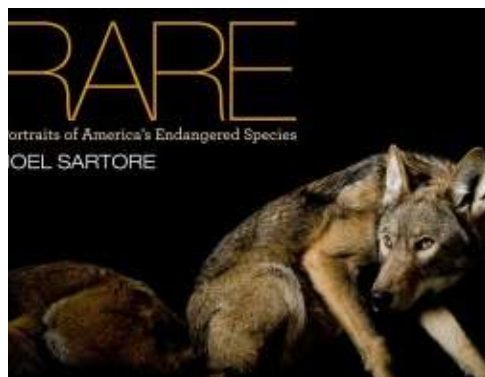
7th Graders

- ★ Students continued at a constant rate (hee hee) and finished up the math unit “Moving Straight Ahead”. This was perfect timing, as it was the end of the math concepts they needed to know to take the Math PARCC mid-year assessments. A few days before testing, we will review important math concepts from throughout the year. We are proud of their perseverance through this process.
- ★ Students completed their “First Engineering Job” by building a machine containing various mechanisms, motors, analog and digital sensors. They had to program their machine to complete their first engineering job. Each mission had computer, electrical and mechanical engineers hard at work. Check it out in Schoology, Week 24.
- ★ How is the culture of an area shaped by its biome and ecosystem? Students completed a biomes project chronicling the details of a country or region of the world and how it’s climate and geography forms a culture. They are currently presenting their findings to their classmates for peer review and discussion.

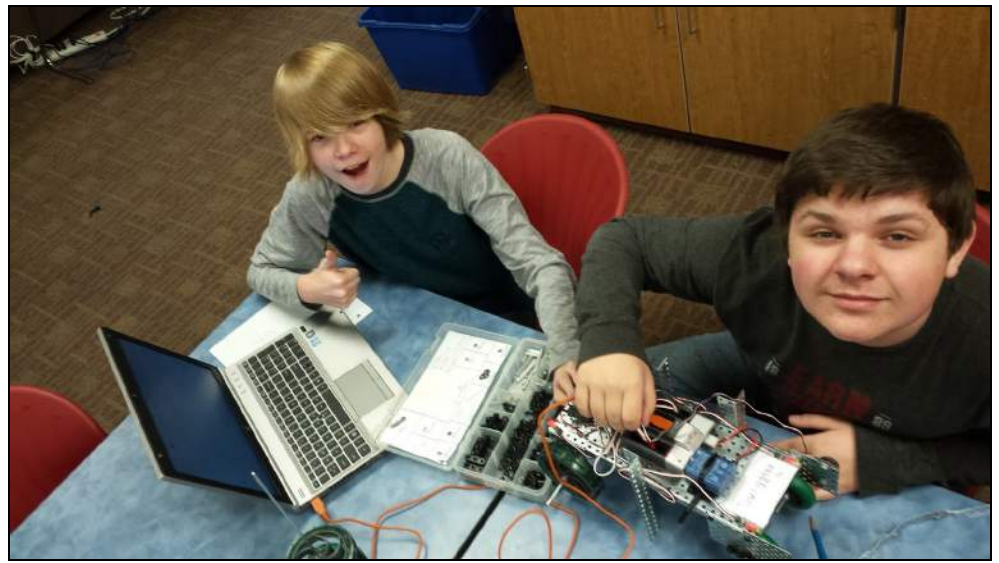
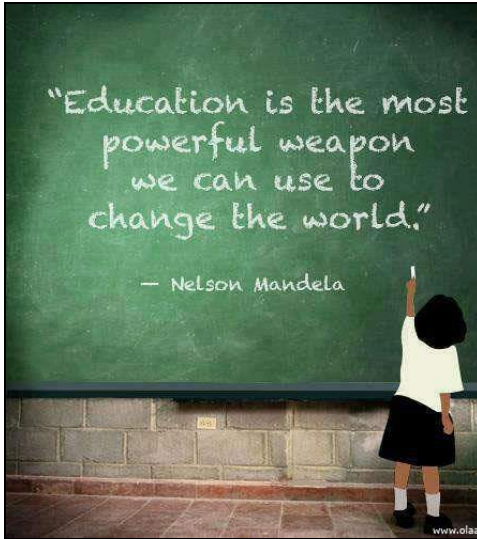


KHAN ACADEMY

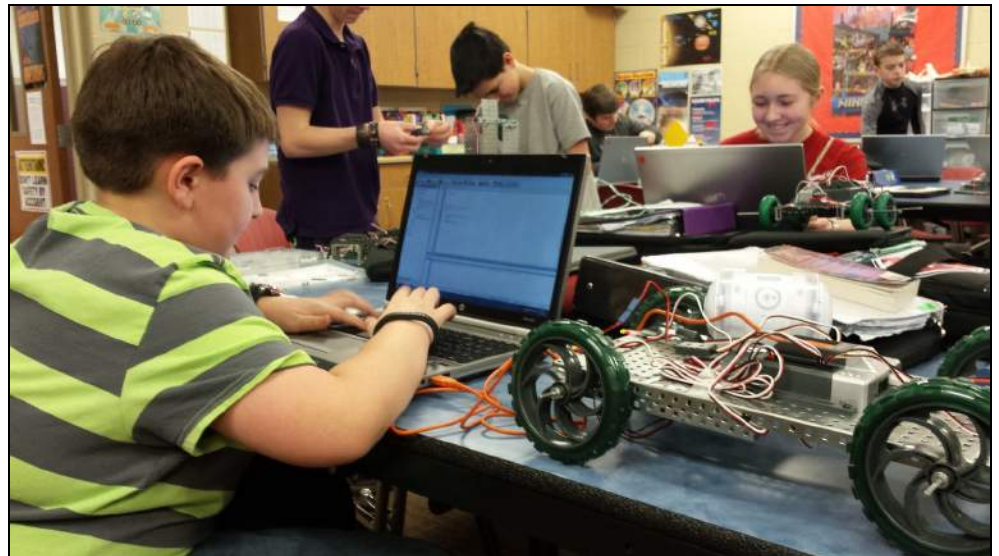
Create an account and go to
khanacademy.org/coaches
Put in the code and students
complete lessons and problems
designed specifically for them!
Class codes:
7th gr. Math: **PJ44VJ**
8th gr. General Math: **VY865Z**



Jeremy, Geno, and Payton adjust the program for their dragster to increase the speed. **Note:** The use of Ollie, the app-controlled robot to pull their dragster. We won't call this cheating;)



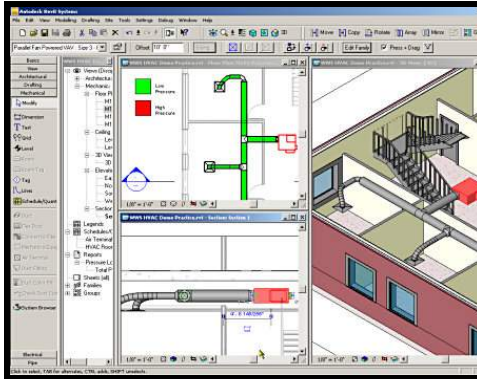
Caleb, computer engineer, focuses on programming their car to compete in the Drag Race Challenge while Jacob works on the mechanical and electrical components.



Robbie puts on his game face while programming his car using the natural language program, RobotC.

8th Graders

- ★ The 8th graders have been working hard this past month preparing for the Language Arts PARCC PBA's. Our last test is Tuesday, March 5th.
- ★ The students are starting the final project in the Green Architecture unit. They will be designing, building, and budgeting a house and property from scratch using a variety of tools including modern architectural software systems.
- ★ We will also be starting to work on our Soapbox Derby cars. Thank you to all helped out with sponsorship this year. The deadline to return the forms was March 2nd. We will try to race at least two races again this year in Cleveland and Akron. Go to aasbd.org to find dates and information about the STEM Gravity Racing Challenge.



- ★ Students are preparing for the Science PBA (Project-Based Assessment) which will be on March 5th. It is only one, 80 minute session. Students are learning about types of forces and how they act on objects in real life. May the “force” be with them when they take the test.



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